

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/050524

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L29/786 H01L29/423		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 780 911 A (CHO SEOK WON ET AL) 14 July 1998 (1998-07-14) figure 2	1-8, 10, 11, 13, 15-19, 21, 22, 25
A	US 6 562 665 B1 (YU BIN) 13 May 2003 (2003-05-13) figures 10-18	1-27
A	US 6 127 702 A (KOYAMA JUN ET AL) 3 October 2000 (2000-10-03) figures 9-17	8, 10
A	US 5 965 914 A (MIYAMOTO SHOICHI) 12 October 1999 (1999-10-12) figure 19	1
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search 28 February 2005		Date of mailing of the international search report 11/03/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Juhl, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 413 802 B1 (SUBRAMANIAN VIVEK ET AL) 2 July 2002 (2002-07-02) cited in the application figures 4-6	1
A	US 5 675 164 A (BRUNNER TIMOTHY A ET AL) 7 October 1997 (1997-10-07) cited in the application figure 2	1,2

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Information on patent family members

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US 5780911	A	14-07-1998	KR 198630 B1	01-07-1999
			KR 198629 B1	01-07-1999
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US 5965914	A	12-10-1999	JP 11008390 A	12-01-1999
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